

PRODUCT INFORMATION

Product Identifier **SKOOT™ REPELLENT - AGRICULTURAL (PCP # 13258)**

Manufacturer's Name PLANT PRODUCTS CO. LTD.
Address 314 ORENDA ROAD
BRAMPTON, ONTARIO
L6T 1G1

Emergency Phone Number 1-613-996-6666

Product Use RABBIT, MOUSE AND DEER REPELLENT FOR PLANTS

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S. / N.A. / UN No.	%	LD ₅₀
THIRAM	137-26-8	11.45	>2600 mg/kg (ORAL, RAT)
ACRYLIC POLYMER		44.0	>5000 mg/kg (ORAL, RAT)

WHMIS CLASSIFICATION: EXEMPT – PCP ACT

PHYSICAL DATA

Physical State: LIQUID		Odour and Appearance: DARK BEIGE, SLIGHT SOLVENT-LIKE ODOUR
Odour Threshold (ppm):	NA	Specific Gravity: 1.1 g/mL
Vapour Pressure (mmHg C 20° C):	NA	Vapour Density (AM=1): NA
Evaporation Rate:	NA	Boiling Point: < 100° C
Freezing Point:	0° C	Density:
pH:	NA	

FIRE AND EXPLOSION HAZARD

Flammability: NOT FLAMMABLE, THOUGH DRIED POLYMER FILM CAN BURN.

Means of Extinction: EXTINGUISH FIRE WITH DRY CHEMICALS, CARBON DIOXIDE OR FOAM. WEAR FIRE PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Flashpoint: NA UEL: NA LEL: NA

Auto-ignition Temperature: NA TDG Flammability Class: NOT FLAMMABLE

Hazardous Combustion Products: THERMAL DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.

REACTIVITY DATA

Chemical Stability: STABLE ABOVE FREEZING TEMPERATURE.

Incompatibility: ACIDS AND STRONG OXIDIZERS.

Conditions of Reactivity: AVOID TEMPERATURES ABOVE 177° C.

Hazardous Decomposition Products: H₂S, NH₃, NO₂, SO₂

TOXICOLOGICAL PROPERTIES

Route of Entry:

Effects of Acute or Chronic Exposure:

SKIN CONTACT - SLIGHTLY IRRITATING TO SKIN. SYMPTOMS OF THIRAM ABSORPTION MAY INCLUDE HEADACHE, INSOMNIA, NERVOUS DISORDERS AND IN SEVERE CASES KIDNEY PAIN, DIZZINESS, LOSS OF MEMORY AND TUMOURS. DERMAL LD₅₀ THIRAM (RABBIT) >2000 mg/kg.

EYE CONTACT - IRRITATING TO EYES.

INHALATION - VAPOUR OR SPRAY MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF NOSE, THROAT AND LUNGS. LC₅₀ THIRAM (RAT) 4.42 mg/L/4 hours.

INGESTION - ORAL LD₅₀ (THIRAM, RAT) 2600 mg/kg. SYMPTOMS SIMILAR TO INHALATION. CONSUMPTION OF ALCOHOL WITHIN 24 HOURS BEFORE OR AFTER WORKING WITH THIRAM MAY CAUSE UNPLEASANT SIDE EFFECTS. SYMPTOMS OF THIRAM ABSORPTION MAY INCLUDE HEADACHE, INSOMNIA, NERVOUS DISORDERS AND IN SEVERE CASES KIDNEY PAIN, DIZZINESS, LOSS OF MEMORY AND TUMOURS. ALCOHOL INTOLERANCE MAY RESULT ON EXPOSURE SYMPTOMS INCLUDE FLUSHING OF FACE AND NECK, FOLLOWED BY RAPID HEARTBEAT, NAUSEA, VOMITING, HEADACHE AND LOW BLOOD PRESSURE.

Exposure Limits: THIRAM 1 mg/m³

Sensitization / Irritancy: THIRAM IS A POTENTIAL SKIN SENSITIZER.

Carcinogenicity: THIRAM – NO INCREASE IN TUMOUR INCIDENCE WAS NOTED IN MICE FED THIRAM FOR 18 MONTHS. EFFECTS WERE SEEN ON BODY WEIGHT.

Teratogenicity: THIRAM – NO TERATOGENIC EFFECTS WERE SEEN IN A RABBIT STUDY. IN A RAT STUDY MATERNAL TOXICITY, AS EVIDENCED BY DECREASED WEIGHT GAIN, WAS SEEN ALONG WITH AN INCREASED INCIDENCE OF FETUSES WITH SMALL RIBS.

Reproductivity: IN A RAT STUDY, A DECREASE IN MATERNAL AND OFFSPRING BODY WEIGHTS WAS SEEN. NO EFFECTS ON REPRODUCTION WERE SEEN.

Mutagenicity: THIRAM PRODUCED POSITIVE RESULTS IN AMES MUTATION ASSAYS.

PREVENTIVE MEASURES:

Personal Protective Equipment:

SKIN - WEAR IMPERVIOUS GLOVES.

INHALATION - WEAR PESTICIDE RESPIRATOR IF THERE IS EXPOSURE TO SPRAY OR MISTS.

EYES - WEAR SPLASH GOGGLES TO AVOID EYE CONTACT.

Engineering Controls:

Leak or Spill Procedure: ABSORB SPILL WITH INERT MATERIALS SUCH AS SAND OR VERMICULITE. REPORT LARGE SPILLS TO (613) 996-6666. WEAR PROTECTIVE CLOTHING WHEN HANDLING SPILLS. PREVENT RUN-OFF TO WATERWAYS.

PREVENTIVE MEASURES (continued)

Disposal: DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Handling Procedures and Equipment: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT TAKE INTERNALLY. UPON CONTACT WITH SKIN OR EYES, WASH WITH SOAP AND WATER. WEAR IMPERVIOUS GLOVES WHEN HANDLING. BECAUSE OF UNPLEASANT SIDE EFFECTS, ALCOHOLIC BEVERAGES SHOULD BE AVOIDED 24 HOURS BEFORE OR AFTER WORKING WITH SKOOT – SYMPTOMS INCLUDE FLUSHING OF FACE AND NECK, RAPID HEARTBEAT, NAUSEA, VOMITING, HEADACHE AND LOW BLOOD PRESSURE.

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM HEAT AND COMBUSTIBLE MATERIALS. STORE AWAY FROM SUNLIGHT. STORE AWAY FROM FOOD OR ANIMAL FEEDS. DO NOT FREEZE.

Shipping Information:
NOT REGULATED BY TDG

FIRST AID MEASURES:

SKIN - WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

EYES - FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.

INHALATION - MOVE SUBJECT TO FRESH AIR. IF BREATHING HAS STOPPED ADMINISTER ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION IMMEDIATELY.

INGESTION - IF VICTIM IS CONSCIOUS GIVE 1-2 GLASSES OF WATER AND INDUCE VOMITING. DO NOT GIVE MILK, OILS OR FATS WHICH ENHANCE ABSORPTION. DO NOT GIVE ANYTHING BY MOUTH OR INDUCE VOMITING IF PERSONS IS UNCONSCIOUS. SEEK MEDICAL ATTENTION IMMEDIATELY. NOTE TO PHYSICIAN: IF REACTION WITH ALCOHOL OCCURS, TREAT AS DISULFIRAM-ALCOHOL REACTION.

ADDITIONAL INFORMATION: THIRAM IS TOXIC TO FISH.

PREPARATION INFORMATION

Department:

Phone Number:

Date:

TECHNICAL

(905) 793-7000

JUNE 2009

NA - Not Applicable
ND - Not Determined